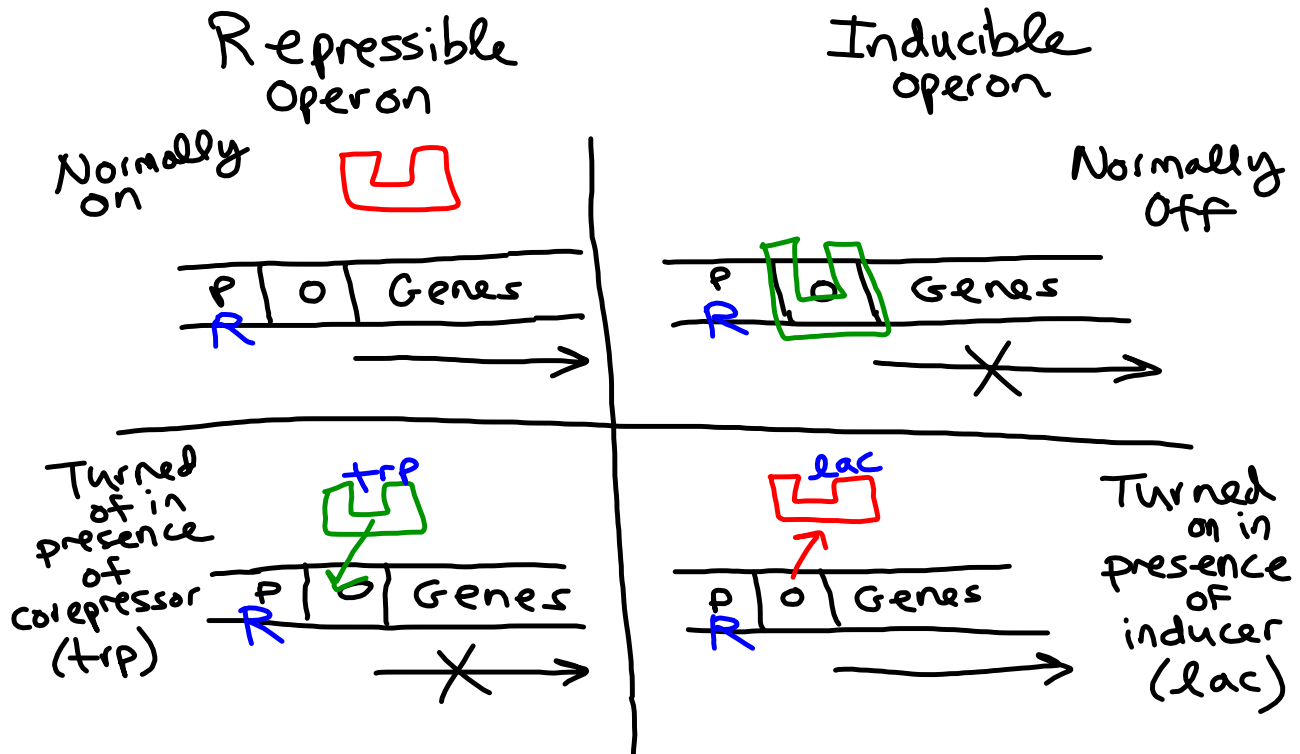


Operons

(Regulation of prokaryotic Gene Expression)



P = promoter

O = operator

L = inactive Repressor
(can't bind to operator and prevent gene transcription)

L = active Repressor
(can bind to operator and prevent gene transcription)

R = RNA polymerase

\longrightarrow = Genes are being transcribed by RNA polymerase

$\text{X} \longrightarrow$ = Genes are Not being transcribed by RNA polymerase